Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 27 Feb 2021 until 23:59 on Sunday 28 Feb 2021

Forecast Issued on Friday 26 Feb 2021 at 12:32

Confidence: High for turning cloudy with some patchy rain Saturday, then becoming dry and bright Sunday. Confidence lowering from Monday for the extent of the cloud, but mostly dry with light winds.

Headline for Saturday 27 Feb 2021: Turning cloudy with chance of patchy rain or drizzle increasing into afternoon.

Mountain weather hazards on Saturday 27 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Dull	Light rain	Drizzle	Light rain	Drizzle
Precipitation probability							
20%	20%	20%	20%	30%	40%	40%	30%

Forecast for Saturday 27 Feb 2021

Weather: Fairly cloudy across summits overnight, perhaps with some patchy light rain or drizzle. Best chance of any limited brighter spells during the early to mid-morning, but otherwise a cloudy day with bases thickening and lowering from the north, with patchy rain and drizzle becoming more likely through the afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 30% becoming 10% from afternoon

Visibility: Becoming moderate or poor in rain and drizzle, less in the cloud with bases broken from 450 to 600m becoming extensive from mid-day.

Forecast for Saturday 27 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 SW	13/20 SW	12/19 W	13/18 SW	12/16 W	10/14 W	7/11 W	4/6 W	4/6 W
300	7/17 W	6/15 SW	7/16 W	7/14 W	7/14 W	7/12 W	4/9 W	2/5 NW	2/5 NW
Valley	3/13 SW	3/11 SW	3/10 SW	4/9 SW	6/11 SW	5/10 SW	2/4 W	1/2 S	1/3 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	3/-2	3/-2	3/-2	4/-0	4/1	4/1	3/1	3/1
300	4/1	4/2	4/2	5/2	6/4	7/4	5/4	4/3	4/2
Valley	5/3	5/4	5/4	6/4	7/5	7/6	6/5	5/5	4/4
Freezing Level*	1000m	1000m	1000m	1200m	1300m	1300m	1200m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigation becoming increasingly difficult as the cloud bases thicken and lower into the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 26 Feb 2021	0mm	10.4mm	38.6mm

Forecast for Sunday 28 Feb 2021

Weather: Dull start with patchy light rain and drizzle at first. Soon becoming dry during the morning, with bright and sunny spells increasing through the day.

Maximum wind: Variable 10mph or less.

Chance of cloud free mountain/hill tops above 600m: 20% becoming 90% by late afternoon.

Visibility: Generally good, becoming moderate or poor in early rain and drizzle, less in the cloud with bases broken or extensive at first from 450 to 600m before lifting and breaking from mid-morning.

Temperature: **Valleys:** Minus 2 Celsius increasing 11 Celsius during the afternoon
At 600m: Plus 2 Celsius increasing 5 Celsius for a time during the afternoon
Freezing level: 1100 m lowering 700 m later